

## ABSTRACT OF THE DISCLOSURE

An ad-hoc, peer-to-peer radio access system having a series of remote terminals, where each remote terminal is capable of forming a node, or hop, of the routing of a call made by one of the series of terminals. The call is routed along a routing path of terminals based on the class-of-service. If the call to be transmitted is a voice call, then a routing bath having low latency will be selected. If the call is a video transmission, then a routing path of low bit-error without excessive latency will be chosen. If the call is a data transmission, then the least-energy routing path will be chosen.

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